



**STRAIGHT SHANK
ISO 9766**

Part Number	Diameter Range (D1)	Max Drill Depth (MDD)	Body Length (L1)	Shank Dia (D2)	Shank Length (L2)	Stk.	Replacements				Stk.
							Cartridges	Mounting Screw (1 Pack)	Adjustment Screw (1 Pack)	Insert Screws (10 Pack)	
R34X22-40M	47.75mm to 50.80mm	114mm	136.6mm	40mm	70mm	○	(Fixed) C34-FIX (Adjustable) C34-ADJ	MS-17	AS-16	IS-10-10	●
R34X35-40M		178mm	200.1mm			○					
R34X45-40M		228mm	251.0mm			○					
R36X22-40M	50.80mm to 55.88mm	127mm	149.2mm	40mm	70mm	○	(Fixed) C36-FIX (Adjustable) C36-ADJ	MS-17	AS-18	IS-10-10	●
R36X35-40M		197mm	219.1mm			○					
R36X45-40M		254mm	276.2mm			○					
R38X22-40M	55.88mm to 60.96mm	140mm	162.0mm	40mm	70mm	○	(Fixed) C38-FIX (Adjustable) C38-ADJ	MS-17	AS-18	IS-10-10	●
R38X35-40M		216mm	238.1mm			○					
R38X45-40M		280mm	301.6mm			○					
R42X22-40M	60.96mm to 66.04mm	146mm	171.5mm	40mm	70mm	○	(Fixed) C42-FIX (Adjustable) C42-ADJ	MS-19	AS-18	IS-10-10	●
R42X35-40M		235mm	260.4mm			○					
R42X45-40M		298mm	323.9mm			○					
R44X22-40M	66.04mm to 71.12mm	159mm	191.0mm	40mm	70mm	◆	(Fixed) C44-FIX (Adjustable) C44-ADJ	MS-19	AS-18	IS-10-10	●
R44X35-40M		254mm	285.0mm			◆					
R46X22-40M	71.12mm to 76.20mm	172mm	203.0mm	40mm	70mm	◆	(Fixed) C46-FIX (Adjustable) C46-ADJ	MS-19	AS-18	IS-10-10	●
R46X35-40M		267mm	299.9mm			◆					
R48X10-50M	76.20mm to 81.28mm	82mm	114.3mm	50mm	80mm	◆	(Fixed) C48-FIX (Adjustable) C48-ADJ	MS-21	AS-18	IS-10-10	●
R48X25-50M		203mm	235.0mm			◆					
R52X10-50M	81.28mm to 86.36mm	89mm	127.0mm	50mm	80mm	◆	(Fixed) C52-FIX (Adjustable) C52-ADJ	MS-19	AS-18	IS-10-10	●
R52X25-50M		216mm	254.0mm			◆					
R54X10-50M	86.36mm to 91.44mm	95mm	133.4mm	50mm	80mm	◆	(Fixed) C54-FIX (Adjustable) C54-ADJ	MS-19	AS-18	IS-10-10	●
R54X25-50M		229mm	266.7mm			◆					
R56X10-50M	91.44mm to 96.52mm	102mm	146.1mm	50mm	80mm	◆	(Fixed) C56-FIX (Adjustable) C56-ADJ	MS-21	AS-18	IS-10-10	●
R56X25-50M		241mm	285.8mm			◆					
R58X10-50M	96.52mm to 101.0mm	102mm	146.1mm	50mm	80mm	◆	(Fixed) C58-FIX (Adjustable) C58-ADJ	MS-21	AS-18	IS-10-10	●
R58X25-50M		254mm	298.5mm			◆					

Stk. - Stock Availability.

- Stocked Item
- Stocked in limited quantities
- ◆ Non-Stocked Standard (6 week lead time)

Grade	Item Number, Coating and Availability - 10 Piece Packs			
	Z55	AM200®	Stk.	TiN
OP-05T308-H		●	OP-05T308-T	●

Material	Material Hardness (BHN)	M/min		FEED (mm/rev)
		AM200®	TiN	
Free Machining Steel	110-250	76-198	61-152	0.10-0.23
Low Carbon Steel	85-275	76-198	61-152	0.10-0.20
Medium Carbon Steel	125-325	122-244	91-183	0.10-0.20
Alloy Steel	125-375	76-244	61-183	0.10-0.20
High Strength Alloy	225-400	76-122	61-91	0.08-0.15
Structural Steel	100-350	76-122	61-91	0.08-0.15

Material	Material Hardness (BHN)	M/min		FEED (mm/rev)
		AM200®	TiN	
High Temperature Alloy	140-310	46-122	30-91	0.05-0.15
Stainless Steel	135-275	76-198	61-152	0.05-0.18
Tool Steel	150-250	122-152	85-122	0.05-0.15
Aluminium (use TiN coated insert)	30-180	228-335	183-259	0.10-0.23
Cast Iron	120-320	122-228	91-183	0.10-0.23
Brass	30-125	305-396	244-305	0.10-0.23

Formulas: mm/min=RPM • mm/rev M/min=RPM • 0.003 • DIA RPM • M/min • 318.47/DIA

The speeds and feeds listed above are considered a general starting point for all applications. Technical assistance is also available for your specific applications through the AMEC Application Engineering Team. Please provide any details about the application to the Application Engineering Team. Accurate information will enable Allied Maxcut's Application Engineers to give you the best possible solution.